

Notice of Allowability

Application No.

10/697,934

Examiner

David J. Walczak

Applicant(s)

MING, HUANG

Art Unit

3751

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the application filed on 10/31/03.
2. ☒ The allowed claim(s) is/are 1-9.
3. ☐ The drawings filed on _____ are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☒ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☒ Other drawing correction.

David J. Walczak
Primary Examiner
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EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

In the drawings: Amend the drawings as indicated in red ink on the attached sheet.

In the specification:

Page 1, line 12: delete "Fig. 2" and substitute --Fig. 1--.

Page 1, line 13: delete "Fig. 3" and substitute --Fig. 2--.

Page 1, line 15: delete "92" and substitute --93--.

Page 1, line 16: delete "2".

Page 4, line 1: delete "lower" (first occurrence) and substitute --upper--.

Page 4, line 12: delete ". A" and substitute --, a--.

Page 4, line 30: delete "A".

Page 5, line 5: delete ". Thereby" and substitute --, thereby--.

Page 5, line 11: delete "outer" and substitute --inner--, delete "21" and substitute --22--, delete "inner" and substitute --outer--, delete "22" and substitute --21--.

Page 5, line 28: delete ". As" and substitute --, as--.

In claim 1:

Line 6: delete "a" (second occurrence) and substitute --the--.

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Line 16: delete "the" (second occurrence) and substitute --a--.

In claim 2:

Line 2: delete "connecting" and substitute --conductive enclosure--.

Line 3: delete "ring".

In claim 4:

Line 3: delete "at two sides" (first occurrence).

In claim 5:

Line 3: delete "at two sides" (first occurrence).

In claim 6:

Line 2: after "of" insert --the--.

Line 3: delete "an" and substitute --a--.

Line 4: delete "trenches" and substitute --at least one trench--, delete "do" and substitute --does--.

In claim 7:

Line 3: delete "do" and substitute --does--.

Line 4: delete "trenches" and substitute --at least one trench--, delete "do" and substitute --does--.

In claim 9:

Line 2: delete "pen tube" and substitute --sleeve--.


Claims 1-9 are allowed. It is noted that the above amendments were made to correct minor grammatical/syntax errors and other informalities.

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to David J. Walczak whose telephone number is 703-308-0608. The examiner can normally be reached on Mon-Thurs, 6:30- 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Greg L. Huson can be reached on 703-308-2580. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



David J. Walczak
Primary Examiner
Art Unit 3751

DJW
3/30/04